

Amendments to the Claims:

This listing of the claims will replace all prior versions and listings of claims in this application.

Listing of Claims:

Claims 1 – 38 (Cancelled).

Claim 39 (Currently Amended). A method for updating system software in a wireless communications device, the method comprising:

providing a patch manager to manage system software updates;

storing ~~said~~the system software update on a nonvolatile memory module comprising a file system section, a patch manager run time instruction (PMRTI) section, a code storage section, and a patch manager code section;

forming the system software into a plurality of symbol libraries, comprising a first symbol library, a second symbol library, and a third symbol library, wherein each symbol library comprises a plurality of symbols having a related functionality; ~~and~~

arranging ~~said~~the first symbol library, ~~said~~the second symbol library, and ~~said~~the third symbol library in at least two code sections, wherein ~~said~~the second symbol library and the third symbol library are arranged contiguously within a single code section on the non volatile memory module;[[.]]

updating a code section address table which stores a code section location reference for each of the at least two code sections;

updating a symbol offset address table which stores an offset reference and a code section address table reference for each of the first, second and third symbol libraries.

Claim 40 (Currently Amended). The method of claim 39 further comprising executing the system software update from the nonvolatile memory, loading ~~said~~the system software update from the patch manager code section and the code storage section within ~~said~~the nonvolatile memory module to a memory component and performing at least one requested action.

Claim 41 (Currently Amended). The method of claim 40, wherein forming the system software into the plurality of symbol libraries, further comprises forming a symbol access code and arranging ~~said~~the symbol access code in the corresponding symbol library.

Claim 42 (Currently Amended). The method of claim 41, further comprising referencing the symbol access code to calculate an address of a sought symbol, comprising accessing a code section address table and a the symbol offset address table to determine a corresponding code section address table reference and a corresponding offset reference and accessing the code section address table to determine a corresponding code section location reference associated with the corresponding code section address table reference.

Claim 43 (Previously Presented). The method of claim 41 further comprising associating a first symbol access code with the first symbol library, associating a second symbol access code with the second symbol library, associating a third symbol access code with the third symbol library.

Claim 44 (Previously Presented). The method of claim 43, wherein the third symbol access code is stored contiguously to the second symbol library on the memory component.

Claim 45 (Currently Amended). A wireless communication device comprising:

- a nonvolatile memory module comprising, a patch management run time instructions (PMRTI) section, a file system section (FSS), a code storage section, and a patch manager code section; and
- a memory component comprising a first symbol library, a second symbol library, and a third symbol library, wherein each symbol library comprises a plurality of symbols having a related functionality, ~~said~~the memory component having arranged ~~said~~the first symbol library, ~~said~~the second symbol library, and ~~said~~the third symbol library in at least two code sections, in which the second symbol library and the third symbol library are arranged contiguously within a single code section;[[.]]

a code section address table which stores a code section location reference for each of the at least two code sections;

a symbol offset address table which stores an offset reference and a code section address table reference for each of the first, second and third symbol libraries.

Claim 46 (Currently Amended). The wireless communication device of claim 45, wherein ~~said~~the patch management run time instructions (PMRTI) section is configured to enable ~~said~~the system software updates to be implemented on ~~said~~the wireless communication device.

Claim 47 (Previously Presented). The wireless communication device of claim 45, wherein the memory component is located on the nonvolatile memory.

Claim 48 (Previously Presented). The wireless communication device of claim 45, wherein the memory component is located on a volatile memory.

Claim 49 (Previously Presented). The wireless communication device of claim 45, wherein the memory component is located on the nonvolatile memory and a volatile memory.

Claim 50 (Currently Amended). The wireless communication device of claim 45 wherein ~~said~~the code storage section comprises ~~said~~the at least two code sections.

Claim 51 (Currently Amended). The wireless communication device of claim 50 wherein each code section stores part or a whole system software update.

Claim 52 (Currently Amended). The wireless communication device of claim 51 wherein ~~said~~the patch manager code section is configured to control ~~said~~the system software updates that are downloaded.